

Title (en)

METHOD AND DESIGN FOR INCREASING THE FIRING RANGE OF ARTILLERY SHELLS

Title (de)

VERFAHREN ZUM VERGRÖßERN DER REICHWEITE EINES PROJEKTILS UND KONSTRUKTION EINES SOLCHEN GESCHOSSES

Title (fr)

PROCEDE PERMETTANT D'ACCROITRE LA PORTEE DE TIR D'OBUS D'ARTILLERIE ET CONCEPTION DESDITS OBUS

Publication

EP 1230528 B1 20080507 (EN)

Application

EP 00975070 A 20001018

Priority

- SE 0002009 W 20001018
- SE 9904053 A 19991110

Abstract (en)

[origin: WO0135046A1] The present invention relates to a method of increasing the range of air defence and artillery shells of the type which for reasons of firing technology have a rear surface which is at right angles to the shell axis, i.e. most conventional air defence and artillery shells. The invention also includes a design of air defence and artillery shells that corresponds with the said method. The invention is characterised by the rear surface of the shell which at the time of firing is at right angles to the shell axis being reformed to an aerodynamically more advantageous form (5, 9) when it has left the gun barrel and is on the way to the target.

IPC 8 full level

F42B 10/42 (2006.01); **F42B 10/44** (2006.01)

CPC (source: EP US)

F42B 10/44 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0135046 A1 20010517; AT E394646 T1 20080515; DE 60038810 D1 20080619; DK 1230528 T3 20080901; EP 1230528 A1 20020814; EP 1230528 B1 20080507; ES 2304982 T3 20081101; IL 149490 A0 20021110; IL 149490 A 20071031; SE 515284 C2 20010709; SE 9904053 L 20010511; US 6657174 B1 20031202; ZA 200203213 B 20030423

DOCDB simple family (application)

SE 0002009 W 20001018; AT 00975070 T 20001018; DE 60038810 T 20001018; DK 00975070 T 20001018; EP 00975070 A 20001018; ES 00975070 T 20001018; IL 14949000 A 20001018; IL 14949002 A 20020506; SE 9904053 A 19991110; US 12984102 A 20020912; ZA 200203213 A 20020423